Vienna Instruments
Solo Download Instruments
Cymbals
Standard Library

Contents

Introduction

Welcome to the Vienna Symphonic Library, and thank you for purchasing one of our Vienna Instruments! This document contains the mapping information for the Vienna Instruments Cymbals Standard Library. You will find in it a comprehensive survey of the articulations/Patches content, a listing of abbreviations, and the mapping list proper which gives details for every Patch and Matrix.

Patch information

The Patch information includes articulation type, playing range, number of samples used, RAM requirements, the number of velocity layers and alternations, AB switching possibilities, etc., as well as Patch specific information if necessary.

The velocity layer switches generally are the same for patches with the same number of layers but may occasionally be adapted to the instrument's requirements. The Patch information also lists the velocity layers in detail.

Matrix information

Each Matrix listing contains information regarding the Patches used for the Matrix, the number of horizontal and vertical dimensions, and switching properties. A mapping table shows the Cell positions for each of the Matrix' Patches.

In order to facilitate working with **MIDI controller switches** like the Modulation wheel, the switching positions are not distributed equally across the controller range if they control more than two Matrix rows or columns; generally, the switching range will be narrower at the extreme positions because they are easy to set, and wider in the middle where it is harder to find the desired setting.

Pitch

For designating pitch, the Vienna Symphonic Library uses International Pitch Notation (IPN), which was agreed upon internationally under the auspices of the Acoustical Society of America. In this system the international standard of A=440 Hz is called A4 and middle C is C4. All pitches are written as capital letters, their respective octave being indicated by a number next to it. The lowest C on the piano is C1 (the A below that is A0), etc.

You can tune your Vienna Instruments to other players, or adjust it to tunings of earlier musical periods by setting the Perform page's Master Tune option within a range of 420 to 460 Hz.

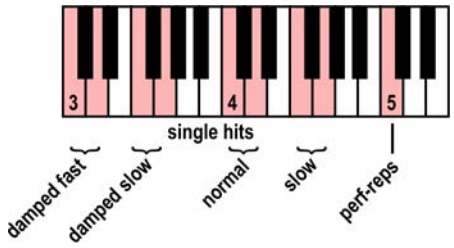
83 Cymbals - Gongs

Patches

01D Piatti-A **Range: C3–C5** **Samples: 80** **RAM: 5 MB**

Single hits, damped fast and slow
Normal and slow hits
Performance repetitions
8 velocity layers

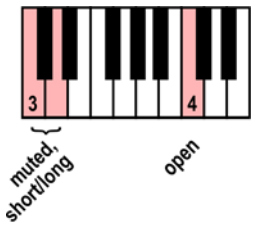
Mapping:
C3–D3: single hits, damped fast
F3–G3: single hits, damped slow
C4–D4: single hits, normal
F4–G4: single hits, slow
C5: performance repetitions (3 reps.)



02D Piatti-B_13Z-Za **Range: C3–C4** **Samples: 15** **RAM: 1 MB**

Zildijan Avedis, 13"
Muted and open hits
5 velocity layers

Mapping:
C3: muted, var. 1 (shorter)
D3: muted, var. 2 (longer)
C4: open

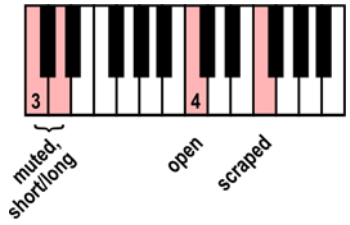


03D Piatti-B_18Z-Is / 04D Piatti-B_20Z-Is / 05D Piatti-B_22Z-Za

Range: C3–F4 Samples: 24 RAM: 1 MB

Istanbul Janissary, 18" / Istanbul Symphonic, 20" / Zildijan Avedis, 22"
Muted and open hits, scrapes
6 velocity layers

Mapping:
C3: muted, var. 1 (shorter)
D3: muted, var. 2 (longer)
C4: open
F4: scraped

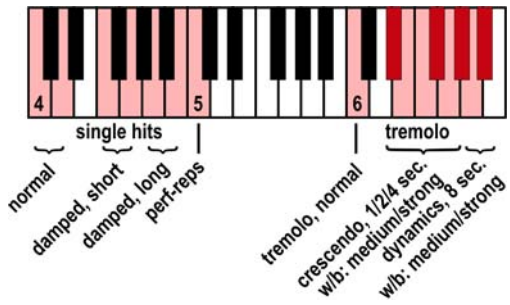


06D Cymbal_Stick

Range: C4–A#6 Samples: 103 RAM: 6 MB

Single hits, normal and damped
Performance repetitions
Tremolo normal (AB switch: long and short release) and dynamics
8 velocity layers
Release samples
AB switch: crescendo/diminuendo

Mapping:
C4–D4: single hits, normal
F4–G4: single hits, damped (shorter)
A4–B4: single hits, damped (longer)
C5: performance repetitions (3 reps.)
C6: tremolo, normal
D#6–A#6: medium and strong crescendo, 1, 2, and 4 sec. (strong crescendo on black keys)
A6–A#6: medium and strong dynamics, 8 sec. (AB switch, strong dynamics on black key)

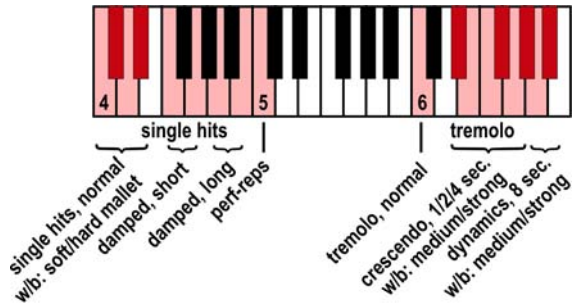


07D Cymbal_Mallet — Range: C4–A#6 — Samples: 119 — RAM: 7 MB

Single hits, soft and hard mallets
Damped
Performance repetitions
Tremolo normal (AB switch: long and short release) and dynamics
8 velocity layers
Release samples
AB switch: crescendo/diminuendo

Mapping:

C4–D4: single hits, soft mallets
C#4–D#4: single hits, hard mallets
F4–G4: single hits, damped (shorter)
A4–B4: single hits, damped (longer)
C5: performance repetitions (3 reps.)
C6: tremolo, normal
D#6–A#6: medium and strong crescendo, 1, 2, and 4 sec. (strong crescendo on black keys)
A6–A#6: medium and strong dynamics, 8 sec. (AB switch, strong dynamics on black key)

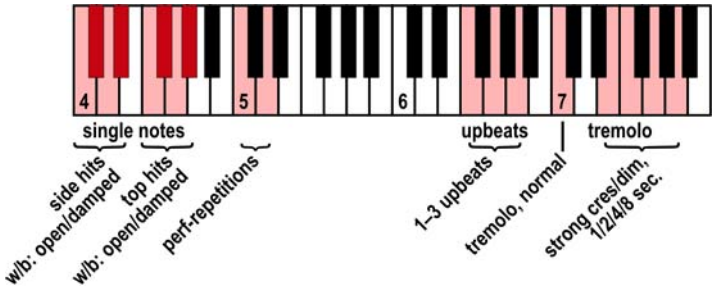


11D Triangle — Range: C4–A7 — Samples: 128 — RAM: 8 MB

Single notes, open and damped (4 alternations)
Performance repetitions
1–3 upbeats
Tremolo normal (with release samples) and dynamics
8 velocity layers
Release samples
AB switch: crescendo/diminuendo

Mapping:

C4–D#4: hit from the side, open/damped (damped on black keys)
F4–G#4: hit from above, open/damped
C5, D5: performance repetitions (strokes alternating on lower and higher key)
F6–A6: 1–3 upbeats
C7: tremolo, normal
E7–A7: tremolo, strong crescendo and diminuendo (AB switch)



21D Waterphone_basic **Range: C3–G5** **Samples: 11** **RAM: 1 MB**

Single notes: bowed, straight
1 velocity layer

22D Waterphone_modulation **Range: C3–E7** **Samples: 20** **RAM: 1 MB**

Single notes: bowed, modulated. The modulation of the tone is effected by tipping the instrument or moving it in circles.
1 velocity layer

Matrices

DL-Matrix Cymbal

Samples: 222 **RAM: 13 MB**

Patches:
06D Cymbal_Stick
07D Cymbal_Mallet

Matrix switches: Horizontal: Keyswitches, C1–C#1

	C1	C#1
V1	06D Cymbal_Stick	07D Cymbal_Mallet

DL-Matrix Piatti

Samples: 167 **RAM: 10 MB**

Patches:
01D Piatti-A
Piatti-B_13/18/20/22"

Matrix switches: Horizontal: Keyswitches, C1–E1

	C1	C#1	D1	D#1	E1
V1	01D Piatti-A	02D Piatti-B_13Z-Za	03D Piatti-B_18Z-Is	04D Piatti-B_20Z-Is	05D Piatti-B_22Z-Za

DL-Matrix Triangle

Samples: 128 **RAM: 8 MB**

Patch:
11D Triangle

DL-Matrix Waterphone

Samples: 31 **RAM: 1 MB**

Patches:
21D Waterphone_basic
22D Waterphone_modulation

Matrix switches: Vertical: Modwheel, 2 zones

	H1
V1	21D Waterphone_basic
V2	22D Waterphone_modulation